

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/588,975  
Source: IFWP  
Date Processed by STIC: 8/18/06

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IFWP

## RAW SEQUENCE LISTING

DATE: 08/18/2006

PATENT APPLICATION: US/10/588,975

TIME: 15:42:19

Input Set : A:\004974.01213 SEQUENCE LISTING.TXT

Output Set: N:\CRF4\08182006\J588975.raw

3 &lt;110&gt; APPLICANT: Bayer HealthCare AG

5 &lt;120&gt; TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases

Associated with

6 Kallikrein 6 (KLK6)

8 &lt;130&gt; FILE REFERENCE: 004974.01213

C--&gt; 10 &lt;140&gt; CURRENT APPLICATION NUMBER: US/10/588,975

C--&gt; 10 &lt;141&gt; CURRENT FILING DATE: 2006-08-10

10 &lt;160&gt; NUMBER OF SEQ ID NOS: 5

12 &lt;170&gt; SOFTWARE: PatentIn version 3.2

14 &lt;210&gt; SEQ ID NO: 1

15 &lt;211&gt; LENGTH: 1506

16 &lt;212&gt; TYPE: DNA

17 &lt;213&gt; ORGANISM: Homo sapiens

19 &lt;400&gt; SEQUENCE: 1

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20 aggcggacaa agcccgattg ttctctgggcc ctttcccat cgcgctggg cctgctcccc 60
21 agcccggggc aggggcgggg gccagtgtgg tgacacacgc ttagctgtc tccccggctg 120
22 gctggctcgc tctctcctgg ggacacagag gtcggcaggc agcacacaga gggacctacg 180
23 ggcagctggt ccttcccccg actcaagaat ccccgagggc ccggaggcct gcagaggag 240
24 cggccatgaa gaagctgatg gtggtgctga gtctgattgc tgcagcctgg gcagaggagc 300
25 agaataagtt ggtgcatggc ggaccctgcg acaagacatc tcaccctac caagctgcc 360
26 tctacacctc gggccacttg ctctgtggtg gggctcctat ccatccactg tgggtcctca 420
27 cagctgcccc ctgcaaaaaa ccgaatcttc aggtcttctt ggggaagcat aaccttcggc 480
28 aaaggagag ttcccaggag cagagttctg ttgtccgggc tgtgatccac cctgactatg 540
29 atgccgccag ccagaccag gacatcatgc tgttgccct ggacgcccc gccaaactct 600
30 ctgaactcat ccagccctt cccctggaga gggactgtc agccaacacc accagctgcc 660
31 acatcctggg ctggggcaag acagcagatg gtgatttccc tgacaccatc cagtgtgcat 720
32 acatccacct ggtgtcccg gtgagtggtg agcatgccta ccctggccag atcaccaga 780
33 acatgttggt tgctgggatg gagaagtacg ggaaggattc ctgccagggt gattctgggg 840
34 gtccgctggt atgtggagac cacctccgag gccttggtgc atggggtaac atccctgtg 900
35 gatcaaagga gaagccagga gtctacacca acgtctgcag atacacgaac tggatccaaa 960
36 aaaccattca ggccaagtga ccctgacatg tgacatctac ctcccgacct accacccac 1020
37 tggctggttc cagaacgtct ctacactaga ccttgccctc cctcctctcc tgcccagctc 1080
38 tgaccctgat gcttaataaa cgcagcgacg tgagggtcct gattctccct ggttttacc 1140
39 cagctccatc cttgcatcac tggggaggac gtgatgagtg aggacttggg tcctcggtct 1200
40 tacccccacc actaagagaa tacaggaaaa tcccttctag gcatctcctc tccccaaccc 1260
41 ttccacacgt ttgatttctt cctgcagagg cccagccacg tgtctggaat cccagctccg 1320
42 ctgcttactg tgggtgtccc cttgggatgt acctttcttc actgcagatt tctcacctgt 1380
43 aagatgaaga taaggatgat acagtctcca tcaggcagtg gctgttgga agatttaaga 1440
44 ttccacacct atgacataca tgggatagca cctgggccgc catgcactca ataaagaatg 1500
45 tattttt

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47 &lt;210&gt; SEQ ID NO: 2

48 &lt;211&gt; LENGTH: 244

49 &lt;212&gt; TYPE: PRT

50 &lt;213&gt; ORGANISM: Homo sapiens

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52 &lt;400&gt; SEQUENCE: 2

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53 Met Lys Lys Leu Met Val Val Leu Ser Leu Ile Ala Ala Ala Trp Ala
54 1          5          10          15
55 Glu Glu Gln Asn Lys Leu Val His Gly Gly Pro Cys Asp Lys Thr Ser
56          20          25          30
57 His Pro Tyr Gln Ala Ala Leu Tyr Thr Ser Gly His Leu Leu Cys Gly
58          35          40          45
59 Gly Val Leu Ile His Pro Leu Trp Val Leu Thr Ala Ala His Cys Lys
60          50          55          60
61 Lys Pro Asn Leu Gln Val Phe Leu Gly Lys His Asn Leu Arg Gln Arg
62 65          70          75          80
63 Glu Ser Ser Gln Glu Gln Ser Ser Val Val Arg Ala Val Ile His Pro
64          85          90          95
65 Asp Tyr Asp Ala Ala Ser His Asp Gln Asp Ile Met Leu Leu Arg Leu
66          100          105          110
67 Ala Arg Pro Ala Lys Leu Ser Glu Leu Ile Gln Pro Leu Pro Leu Glu
68          115          120          125
69 Arg Asp Cys Ser Ala Asn Thr Thr Ser Cys His Ile Leu Gly Trp Gly
70          130          135          140
71 Lys Thr Ala Asp Gly Asp Phe Pro Asp Thr Ile Gln Cys Ala Tyr Ile
72 145          150          155          160
73 His Leu Val Ser Arg Glu Glu Cys Glu His Ala Tyr Pro Gly Gln Ile
74          165          170          175
75 Thr Gln Asn Met Leu Cys Ala Gly Asp Glu Lys Tyr Gly Lys Asp Ser
76          180          185          190
77 Cys Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Gly Asp His Leu Arg
78          195          200          205
79 Gly Leu Val Ser Trp Gly Asn Ile Pro Cys Gly Ser Lys Glu Lys Pro
80          210          215          220
81 Gly Val Tyr Thr Asn Val Cys Arg Tyr Thr Asn Trp Ile Gln Lys Thr
82 225          230          235          240

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83 Ile Gln Ala Lys

86 &lt;210&gt; SEQ ID NO: 3

87 &lt;211&gt; LENGTH: 20

88 &lt;212&gt; TYPE: DNA

89 &lt;213&gt; ORGANISM: artificial sequence

91 &lt;220&gt; FEATURE:

92 &lt;223&gt; OTHER INFORMATION: forward primer

94 &lt;400&gt; SEQUENCE: 3

95 caagctgccc tctacacctc

20

97 &lt;210&gt; SEQ ID NO: 4

98 &lt;211&gt; LENGTH: 20

99 &lt;212&gt; TYPE: DNA

100 &lt;213&gt; ORGANISM: artificial sequence

102 &lt;220&gt; FEATURE:

103 &lt;223&gt; OTHER INFORMATION: reverse primer

105 &lt;400&gt; SEQUENCE: 4

106 aggaccacaca gtggatggat

20

108 &lt;210&gt; SEQ ID NO: 5

## RAW SEQUENCE LISTING

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Input Set : A:\004974.01213 SEQUENCE LISTING.TXT

Output Set: N:\CRF4\08182006\J588975.raw

109 &lt;211&gt; LENGTH: 24

110 &lt;212&gt; TYPE: DNA

111 &lt;213&gt; ORGANISM: artificial sequence

113 &lt;220&gt; FEATURE:

114 &lt;223&gt; OTHER INFORMATION: probe

116 &lt;400&gt; SEQUENCE: 5

117 cacttgctct gtggtgggt cctt

24

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/588,975

DATE: 08/18/2006

TIME: 15:42:21

Input Set : A:\004974.01213 SEQUENCE LISTING.TXT

Output Set: N:\CRF4\08182006\J588975.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date